

ABSTRACT

5 The present invention provides tandem diabodies and triabodies against TRAIL receptors, wherein the tandem diabodies and triabodies exhibit greater cytotoxicity as single molecules than whole IgG antibodies. The present invention demonstrates that antibodies that enhance polymerization are useful when aiming to induce cell apoptosis *via* receptors such as TRAIL receptors, which require polymerization of receptor molecules on the surface of cell membranes to transduce cell death signals.